09/ 835,523

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PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Apr 08	"Ask CAS" for self-help around the clock
NEWS 3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4	Apr 09	ZDB will be removed from STN
NEWS 5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS 8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS 9	Jun 03	New e-mail delivery for search results now available
NEWS 10	Jun 10	MEDLINE Reload
NEWS 11	Jun 10	PCTFULL has been reloaded
NEWS 12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS 13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS 14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS 15	Jul 30	NETFIRST to be removed from STN
NEWS 16	Aug 08	CANCERLIT reload
NEWS 17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18	Aug 08	NTIS has been reloaded and enhanced
NEWS 19	Aug 09	JAPIO to be reloaded August 18, 2002

NEWS EXPRESS	February 1 CURRENT WINDOWS VERSION IS V6.0d, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
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NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

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* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 15:55:33 ON 13 AUG 2002

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

09/ 835,523

FILE 'REGISTRY' ENTERED AT 15:56:05 ON 13 AUG 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

STRUCTURE FILE UPDATES: 12 AUG 2002 HIGHEST RN 443729-39-3
DICTIONARY FILE UPDATES: 12 AUG 2002 HIGHEST RN 443729-39-3

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

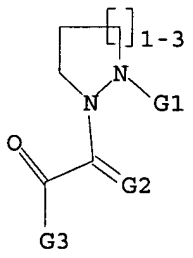
Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=>
Uploading 09835523.str

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 C,O,S,N,P,Cy

G2 O,S

G3 C,H,Cy

Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 15:56:31 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 145 TO ITERATE

100.0% PROCESSED 145 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2178 TO 3622
PROJECTED ANSWERS: 2 TO 124

L2 2 SEA SSS SAM L1

=> s l1 ful
FULL SEARCH INITIATED 15:56:37 FILE 'REGISTRY'

09/ 835,523

FULL SCREEN SEARCH COMPLETED - 3029 TO ITERATE

100.0% PROCESSED 3029 ITERATIONS 27 ANSWERS
SEARCH TIME: 00.00.06

L3 27 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	140.28	140.49

FILE 'CAPLUS' ENTERED AT 15:56:49 ON 13 AUG 2002
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FILE COVERS 1907 - 13 Aug 2002 VOL 137 ISS 7
FILE LAST UPDATED: 12 Aug 2002 (20020812/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s l3
L4 6 L3

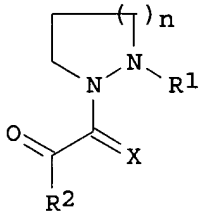
=> d l4 1- ibib abs hitstr
YOU HAVE REQUESTED DATA FROM 6 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:172490 CAPLUS
DOCUMENT NUMBER: 136:232310
TITLE: Preparation of N-substituted cyclic aza compounds having neuronal activity
INVENTOR(S): Wu, Yong-qian; Huang, Wei; Hamilton, Gregory S.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 54 pp., Cont.-in-part of U. S. Ser. No. 551,618.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

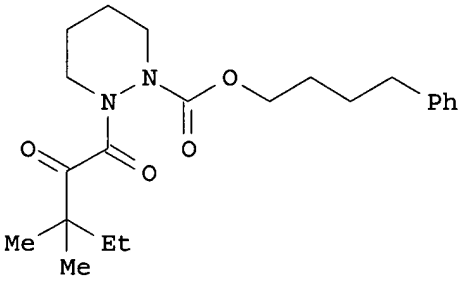
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002028814	A1	20020307	US 2001-835523	20010417

09/ 835,523

US 6417189 B1 20020709 US 2000-551618 20000417
PRIORITY APPLN. INFO.: US 1999-164950P P 19991112
US 2000-551618 A2 20000417
OTHER SOURCE(S): MARPAT 136:232310
GI



I



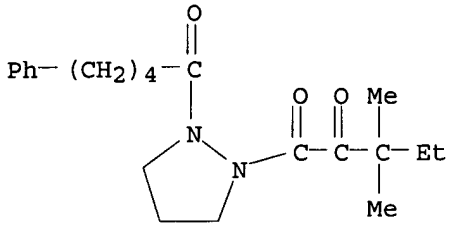
II

AB Title compds. I [n = 1-3; R1 = CR3, CO2R3, COR3, etc.; R2, R3 = H, alkyl, alkenyl, etc.; X = O, S], useful for effecting neuronal activities, were prepd. Thus, II was prepd. via a multi-step synthesis from tert-Bu 2-benzylperhydropyridazinecarboxylate. Biol. data for I (results of test for rotamase inhibition and MPTP model of Parkinson's disease) were given. E.g., II possessed a Ki value of 1175 nM in inhibition studies of rotamase and a 14% TH recovery in MPTP models.

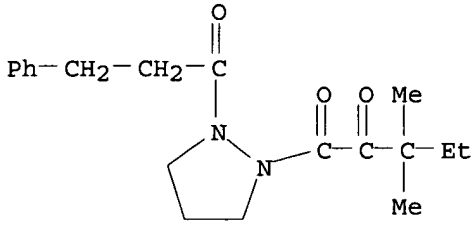
IT **340255-68-7P 340255-88-1P 340255-89-2P**
340255-90-5P 340255-91-6P 340255-92-7P
340255-93-8P 340255-94-9P 340255-95-0P
340255-96-1P 340255-99-4P 340256-00-0P
340256-01-1P 340256-02-2P 340256-03-3P
340256-04-4P 340256-07-7P 340256-09-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of N-substituted cyclic aza compds. having neuronal activity)

RN 340255-68-7 CAPLUS

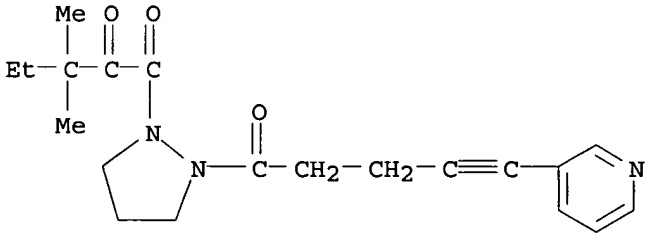
CN Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-5-phenylpentyl)- (9CI) (CA INDEX NAME)



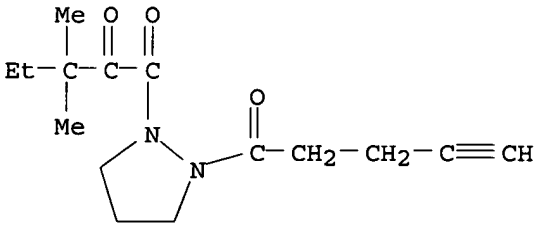
RN 340255-88-1 CAPLUS
CN Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-3-phenylpropyl)- (9CI) (CA INDEX NAME)



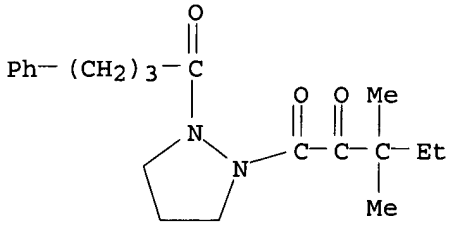
RN 340255-89-2 CAPLUS
CN Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-[1-oxo-5-(3-pyridinyl)-4-pentynyl]- (9CI) (CA INDEX NAME)



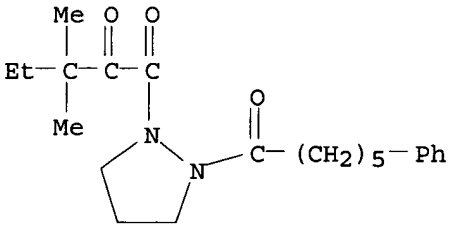
RN 340255-90-5 CAPLUS
CN Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-4-pentynyl)- (9CI) (CA INDEX NAME)



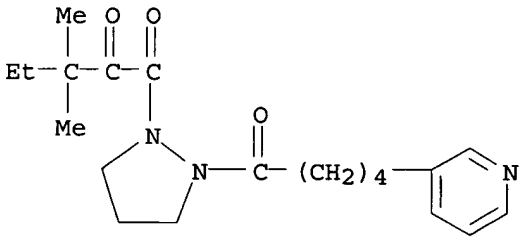
RN 340255-91-6 CAPLUS
CN Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-4-phenylbutyl)- (9CI) (CA INDEX NAME)



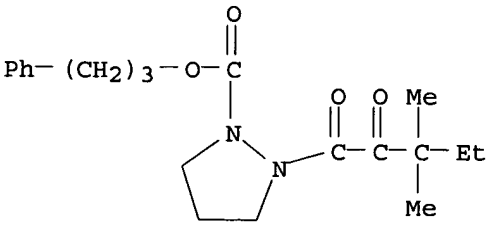
RN 340255-92-7 CAPLUS
CN Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-6-phenylhexyl)- (9CI) (CA INDEX NAME)



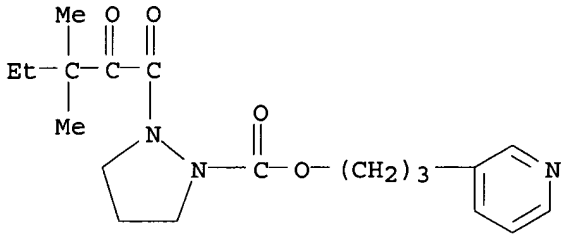
RN 340255-93-8 CAPLUS
CN Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-[1-oxo-5-(3-pyridinyl)pentyl]- (9CI) (CA INDEX NAME)



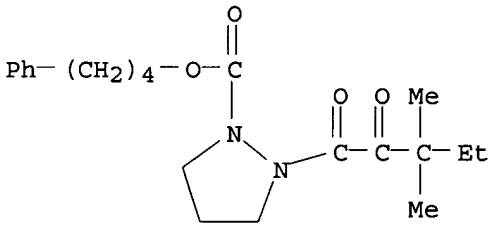
RN 340255-94-9 CAPLUS
CN 1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-, 3-phenylpropyl ester (9CI) (CA INDEX NAME)



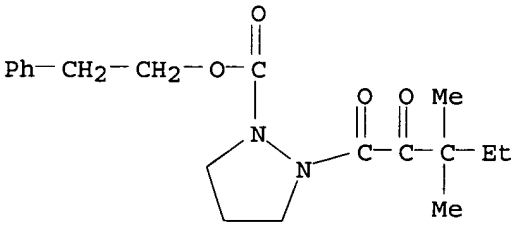
RN 340255-95-0 CAPLUS
CN 1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-, 3-(3-pyridinyl)propyl ester (9CI) (CA INDEX NAME)



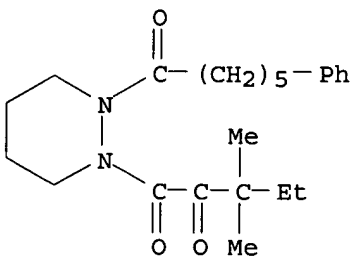
RN 340255-96-1 CAPLUS
CN 1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-, 4-phenylbutyl ester (9CI) (CA INDEX NAME)



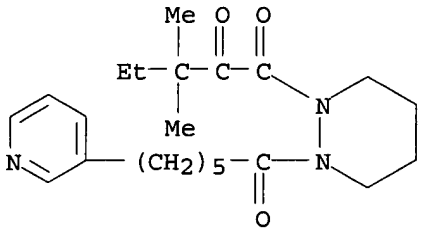
RN 340255-99-4 CAPLUS
CN 1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-, 2-phenylethyl ester (9CI) (CA INDEX NAME)



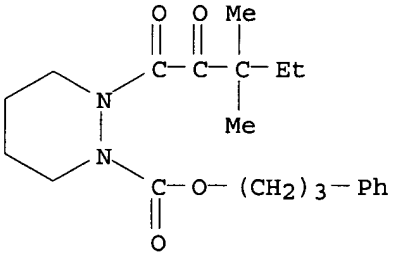
RN 340256-00-0 CAPLUS
CN Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(1-oxo-6-phenylhexyl)- (9CI) (CA INDEX NAME)



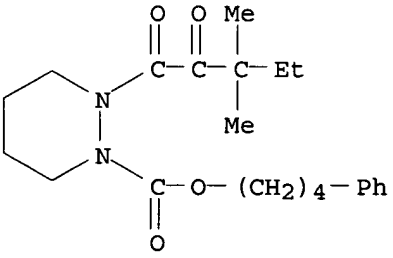
RN 340256-01-1 CAPLUS
CN Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-[1-oxo-6-(3-pyridinyl)hexyl]- (9CI) (CA INDEX NAME)



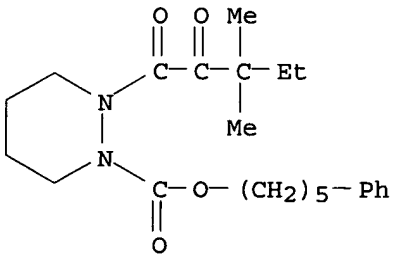
RN 340256-02-2 CAPLUS
CN 1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 3-phenylpropyl ester (9CI) (CA INDEX NAME)



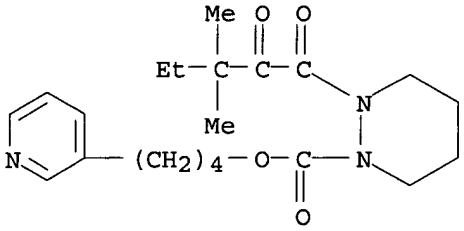
RN 340256-03-3 CAPLUS
CN 1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 4-phenylbutyl ester (9CI) (CA INDEX NAME)



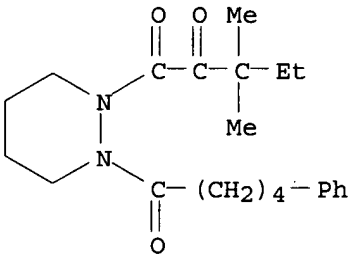
RN 340256-04-4 CAPLUS
CN 1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 5-phenylpentyl ester (9CI) (CA INDEX NAME)



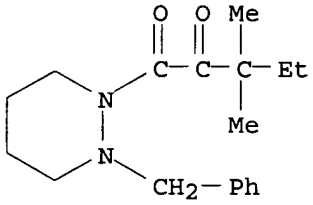
RN 340256-07-7 CAPLUS
CN 1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 4-(3-pyridinyl)butyl ester (9CI) (CA INDEX NAME)



RN 340256-09-9 CAPLUS
CN Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(1-oxo-5-phenylpentyl)- (9CI) (CA INDEX NAME)



IT **340256-17-9P 340256-19-1P 340256-20-4P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of N-substituted cyclic aza compds. having neuronal activity)
RN 340256-17-9 CAPLUS
CN Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 340256-19-1 CAPLUS
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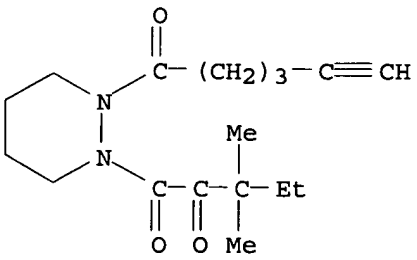

RN 340256-20-4 CAPLUS
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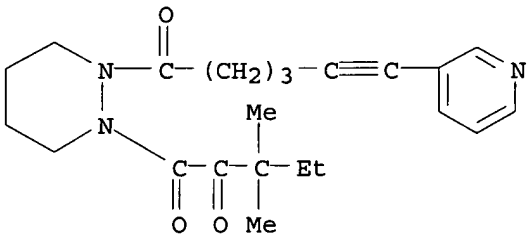
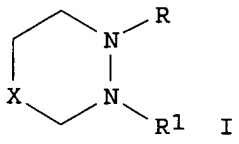


L4 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:780859 CAPLUS
DOCUMENT NUMBER: 135:331433
TITLE: Preparation of cyclic diaza compounds for treating neurodegenerative disorders
INVENTOR(S): Wu, Yong-Qian; Huang, Wei; Hamilton, Gregory S.
PATENT ASSIGNEE(S): GPI NIL Holdings, Inc., USA
SOURCE: PCT Int. Appl., 162 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001079177	A1	20011025	WO 2001-US12322	20010417
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
√ US 6417189	B1	20020709	US 2000-551618	20000417

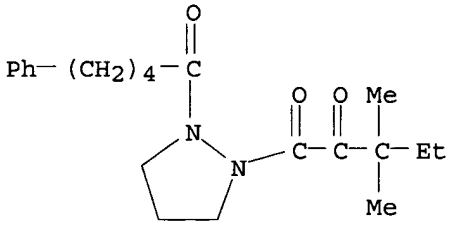
PRIORITY APPLN. INFO.: US 2000-551618 A 20000417
US 1999-164950P P 19991112
OTHER SOURCE(S): MARPAT 135:331433
GI



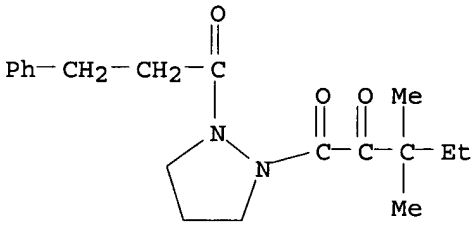
AB Title compds. [I;X = bond, CH2; R = COY(CH2)nC6H5, 5-(3-pyridyl)-pent-4-ynoyl, NCCCCH2CH2CO, 5-(3-pyridyl)-pentanoyl, 3-(3-pyridyl)-propoxycarbonyl; Y = O, bond; n = 5, 4, 3, 2; R1 = C6H5CH2SO2, (CH3CH2)(CH3)2CCOCO, C6H5CH2SO2, cyclohexylaminocarbonyl] are prepd. for pharmaceutical compns. comprising such compds. and methods of their use for effecting neuronal activities. Thus, the title compd. I (X = bond; Y = bond; n = 4; R = COY(CH2)nC6H5; R1 = (CH3CH2)(CH3)2CCOCO) was prepd. and biol. tested in mice for MPTP model of Parkinson's disease and showed recovery of TH-stained dopaminergic neurons.

IT **340255-68-7P 340255-88-1P 340255-89-2P**
340255-91-6P 340255-92-7P 340255-93-8P
340255-94-9P 340255-95-0P 340255-96-1P
340255-99-4P 340256-00-0P 340256-01-1P
340256-02-2P 340256-03-3P 340256-04-4P
340256-07-7P 340256-09-9P 369390-81-8P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of cyclic diaza compds. for treating neurodegenerative disorders)

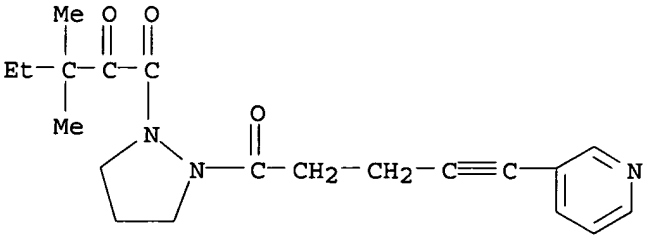
RN 340255-68-7 CAPLUS
CN Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-5-phenylpentyl)- (9CI) (CA INDEX NAME)



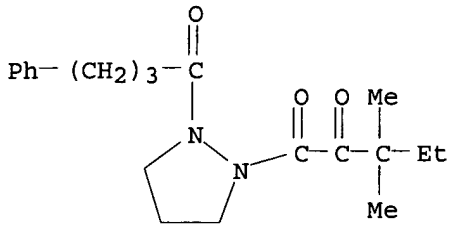
RN 340255-88-1 CAPLUS
CN Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-3-phenylpropyl)- (9CI) (CA INDEX NAME)



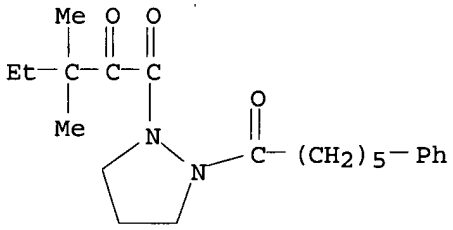
RN 340255-89-2 CAPLUS
CN Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-[1-oxo-5-(3-pyridinyl)-4-pentynyl]- (9CI) (CA INDEX NAME)



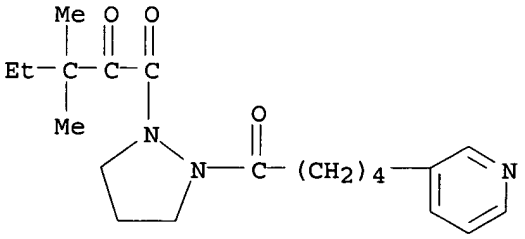
RN 340255-91-6 CAPLUS
CN Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-4-phenylbutyl)- (9CI) (CA INDEX NAME)



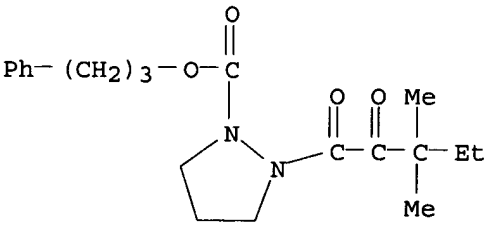
RN 340255-92-7 CAPLUS
CN Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-6-phenylhexyl)- (9CI) (CA INDEX NAME)



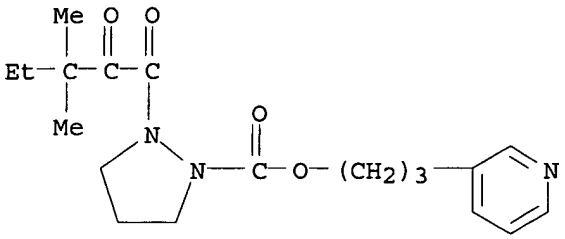
RN 340255-93-8 CAPLUS
CN Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-[1-oxo-5-(3-pyridinyl)pentyl]- (9CI) (CA INDEX NAME)



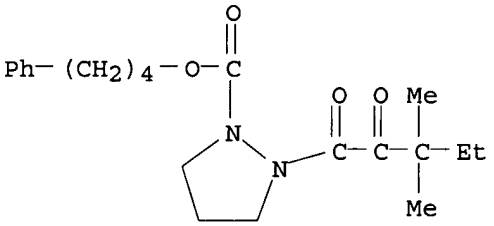
RN 340255-94-9 CAPLUS
CN 1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-, 3-phenylpropyl ester (9CI) (CA INDEX NAME)



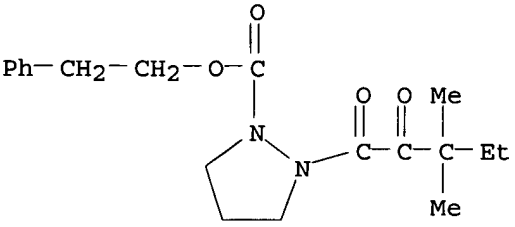
RN 340255-95-0 CAPLUS
CN 1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-, 3-(3-pyridinyl)propyl ester (9CI) (CA INDEX NAME)



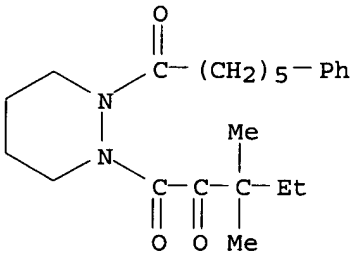
RN 340255-96-1 CAPLUS
CN 1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-, 4-phenylbutyl ester (9CI) (CA INDEX NAME)



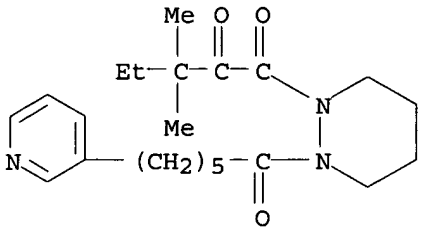
RN 340255-99-4 CAPLUS
CN 1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-, 2-phenylethyl ester (9CI) (CA INDEX NAME)



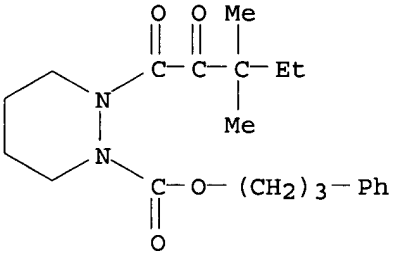
RN 340256-00-0 CAPLUS
CN Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(1-oxo-6-phenylhexyl)- (9CI) (CA INDEX NAME)



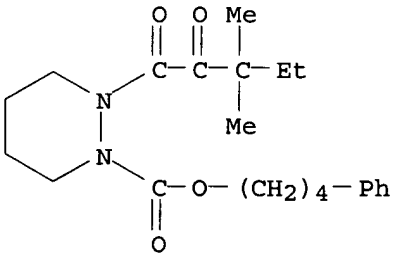
RN 340256-01-1 CAPLUS
CN Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-[1-oxo-6-(3-pyridinyl)hexyl]- (9CI) (CA INDEX NAME)



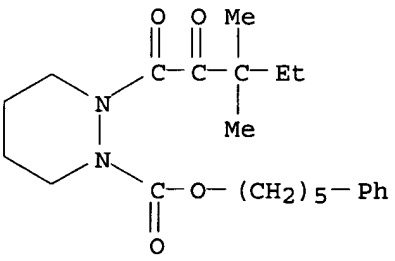
RN 340256-02-2 CAPLUS
CN 1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 3-phenylpropyl ester (9CI) (CA INDEX NAME)



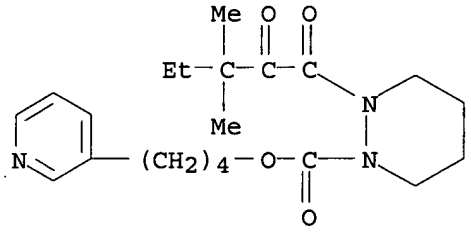
RN 340256-03-3 CAPLUS
CN 1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 4-phenylbutyl ester (9CI) (CA INDEX NAME)



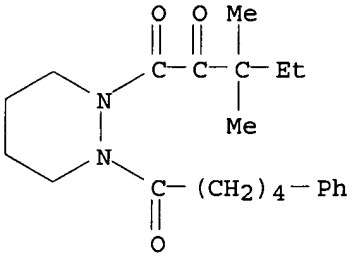
RN 340256-04-4 CAPLUS
CN 1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 5-phenylpentyl ester (9CI) (CA INDEX NAME)



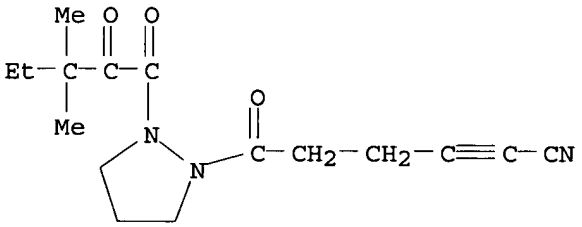
RN 340256-07-7 CAPLUS
CN 1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 4-(3-pyridinyl)butyl ester (9CI) (CA INDEX NAME)



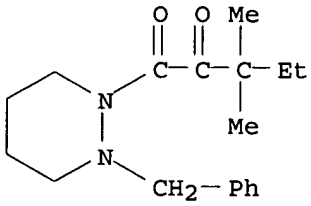
RN 340256-09-9 CAPLUS
CN Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(1-oxo-5-phenylpentyl)- (9CI) (CA INDEX NAME)



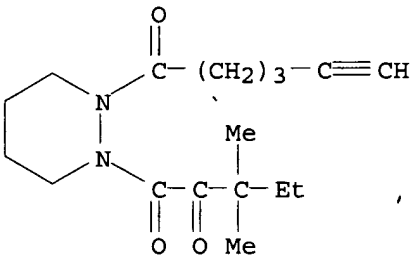
RN 369390-81-8 CAPLUS
CN Pyrazolidine, 1-(5-cyano-1-oxo-4-pentynyl)-2-(3,3-dimethyl-1,2-dioxopentyl)- (9CI) (CA INDEX NAME)



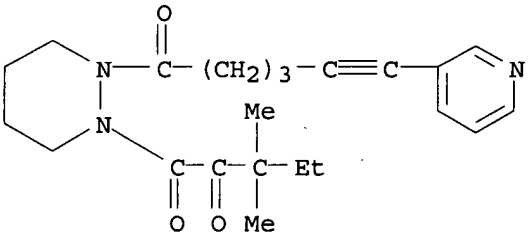
IT **340256-17-9P 340256-19-1P 340256-20-4P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of cyclic diaza compds. for treating neurodegenerative disorders)
RN 340256-17-9 CAPLUS
CN Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 340256-19-1 CAPLUS
CN Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(1-oxo-5-hexynyl)- (9CI) (CA INDEX NAME)



RN 340256-20-4 CAPLUS
CN Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-[1-oxo-6-(3-pyridinyl)-5-hexynyl]- (9CI) (CA INDEX NAME)

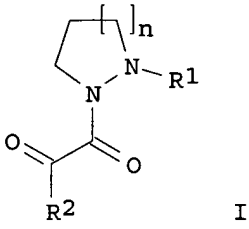


REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:380557 CAPLUS
DOCUMENT NUMBER: 134:366884
TITLE: Preparation of N-substituted cyclic aza compounds having neuronal activity
INVENTOR(S): Wu, Yong-Qian; Huang, Wei; Hamilton, Gregory S.
PATENT ASSIGNEE(S): GPI Nil Holdings, Inc., USA
SOURCE: PCT Int. Appl., 105 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001036388	A1	20010525	WO 2000-US23603	20000828
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6417189	B1	20020709	US 2000-551618	20000417

PRIORITY APPLN. INFO.: US 1999-164950P P 19991112
US 2000-551618 A 20000417
OTHER SOURCE(S): MARPAT 134:366884
GI



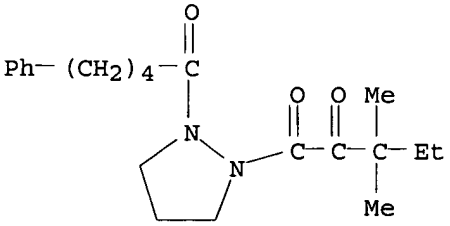
I

AB The title compds. [I; n = 1-3; R1 = CR3, CO2R3, COR3, etc.; R2, R3 = H, alkyl, alkenyl, etc.; X = O, S], useful for effecting neuronal activities, were prepd. E.g., a multi-step synthesis of I [n = 2; R1 = CO2(CH2)4Ph; R2 = CMe2Et; X = O] was described. Biol. data for compds. I (results of test for rotamase inhibition and MPTP model of Parkinson's disease) were given.

IT **340255-68-7P 340255-88-1P 340255-89-2P**
340255-90-5P 340255-91-6P 340255-92-7P
340255-93-8P 340255-94-9P 340255-95-0P
340255-96-1P 340255-99-4P 340256-00-0P
340256-01-1P 340256-02-2P 340256-03-3P
340256-04-4P 340256-07-7P 340256-09-9P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of N-substituted cyclic aza compds. having neuronal activity)

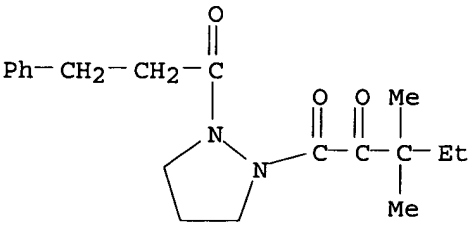
RN 340255-68-7 CAPLUS

CN Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-5-phenylpentyl)- (9CI) (CA INDEX NAME)



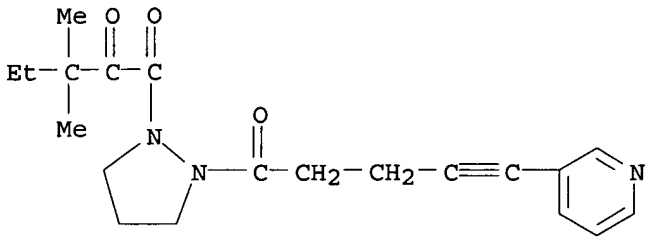
RN 340255-88-1 CAPLUS

CN Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-3-phenylpropyl)- (9CI) (CA INDEX NAME)

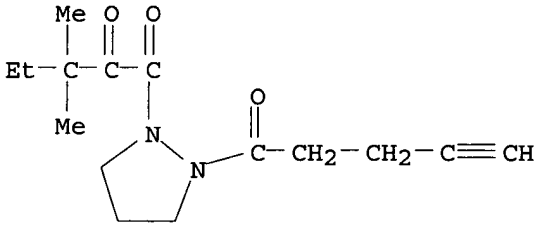


RN 340255-89-2 CAPLUS

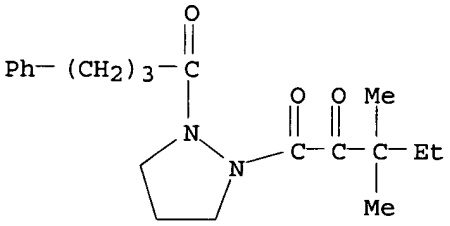
CN Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-[1-oxo-5-(3-pyridinyl)-4-pentynyl]- (9CI) (CA INDEX NAME)



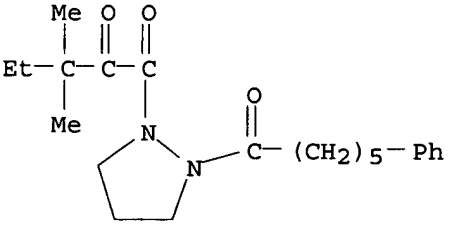
RN 340255-90-5 CAPLUS
CN Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-4-pentynyl)- (9CI) (CA INDEX NAME)



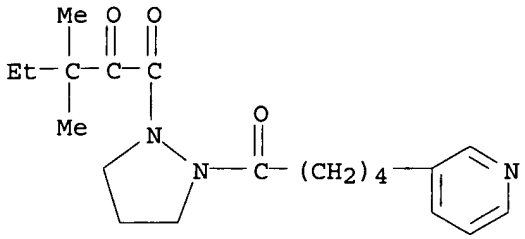
RN 340255-91-6 CAPLUS
CN Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-4-phenylbutyl)- (9CI) (CA INDEX NAME)



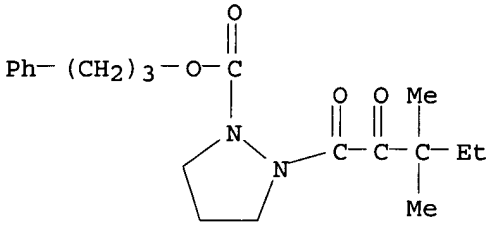
RN 340255-92-7 CAPLUS
CN Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-(1-oxo-6-phenylhexyl)- (9CI) (CA INDEX NAME)



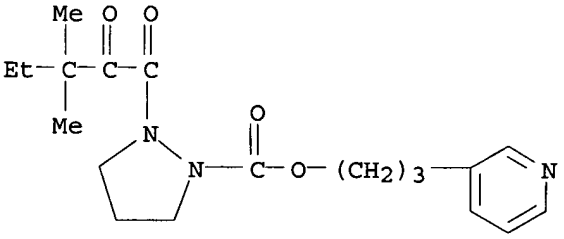
RN 340255-93-8 CAPLUS
CN Pyrazolidine, 1-(3,3-dimethyl-1,2-dioxopentyl)-2-[1-oxo-5-(3-pyridinyl)pentyl]- (9CI) (CA INDEX NAME)



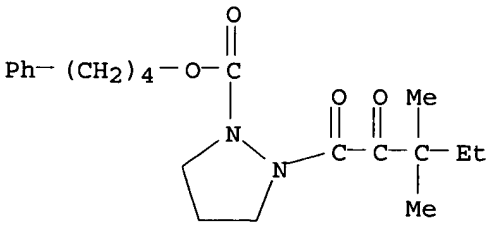
RN 340255-94-9 CAPLUS
CN 1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-, 3-phenylpropyl ester (9CI) (CA INDEX NAME)



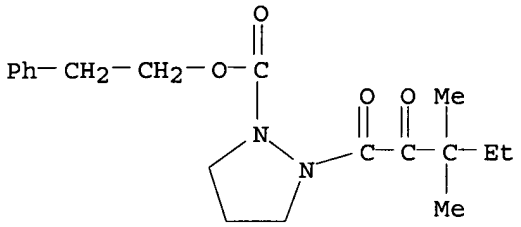
RN 340255-95-0 CAPLUS
CN 1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-, 3-(3-pyridinyl)propyl ester (9CI) (CA INDEX NAME)



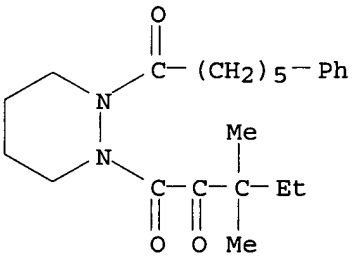
RN 340255-96-1 CAPLUS
CN 1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-, 4-phenylbutyl ester (9CI) (CA INDEX NAME)



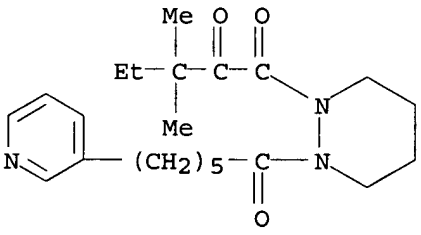
RN 340255-99-4 CAPLUS
CN 1-Pyrazolidinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)-, 2-phenylethyl ester (9CI) (CA INDEX NAME)



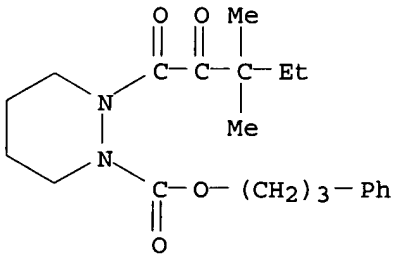
RN 340256-00-0 CAPLUS
CN Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(1-oxo-6-phenylhexyl)- (9CI) (CA INDEX NAME)



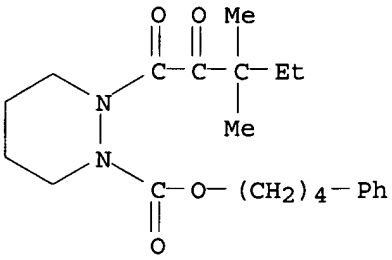
RN 340256-01-1 CAPLUS
CN Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-[1-oxo-6-(3-pyridinyl)hexyl]- (9CI) (CA INDEX NAME)



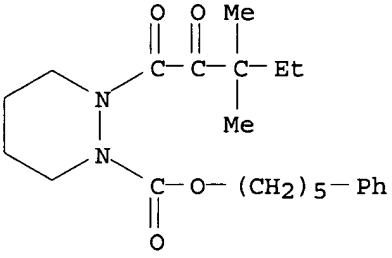
RN 340256-02-2 CAPLUS
CN 1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 3-phenylpropyl ester (9CI) (CA INDEX NAME)



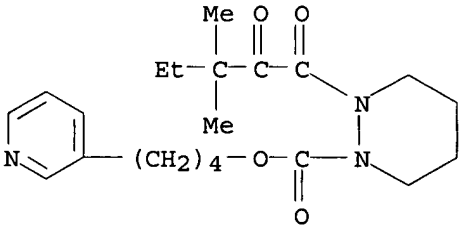
RN 340256-03-3 CAPLUS
CN 1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 4-phenylbutyl ester (9CI) (CA INDEX NAME)



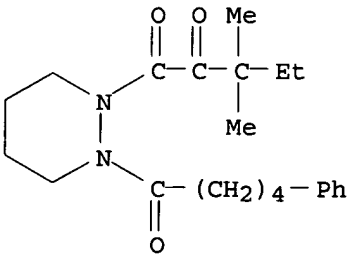
RN 340256-04-4 CAPLUS
CN 1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 5-phenylpentyl ester (9CI) (CA INDEX NAME)



RN 340256-07-7 CAPLUS
CN 1(2H)-Pyridazinecarboxylic acid, 2-(3,3-dimethyl-1,2-dioxopentyl)tetrahydro-, 4-(3-pyridinyl)butyl ester (9CI) (CA INDEX NAME)

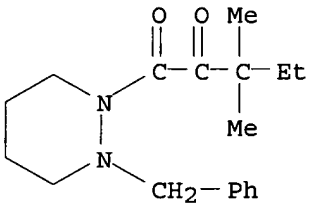


RN 340256-09-9 CAPLUS
CN Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(1-oxo-5-phenylpentyl)- (9CI) (CA INDEX NAME)

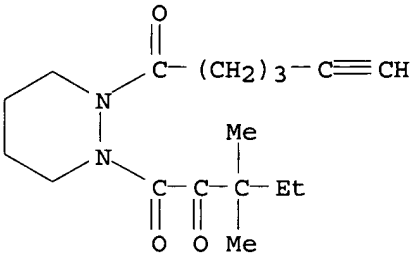


IT **340256-17-9P 340256-19-1P 340256-20-4P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of N-substituted cyclic aza compds. having neuronal activity)

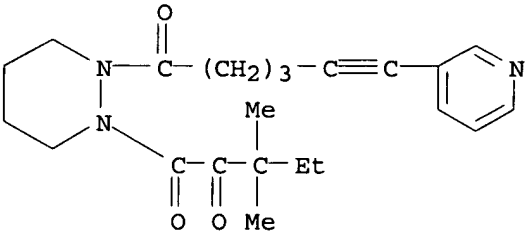
RN 340256-17-9 CAPLUS
CN Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 340256-19-1 CAPLUS
CN Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-(1-oxo-5-hexynyl)- (9CI) (CA INDEX NAME)



RN 340256-20-4 CAPLUS
CN Pyridazine, 1-(3,3-dimethyl-1,2-dioxopentyl)hexahydro-2-[1-oxo-6-(3-pyridinyl)-5-hexynyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1997:619195 CAPLUS
DOCUMENT NUMBER: 127:339205
TITLE: Silver halide photographic material containing precursor for photographically useful compound
INVENTOR(S): Kawagishi, Toshio; Tsukahara, Jiro; Sato, Hideaki; Uchida, Osamu; Nakai, Yasushi
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 49 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09244192	A2	19970919	JP 1996-53315	19960311

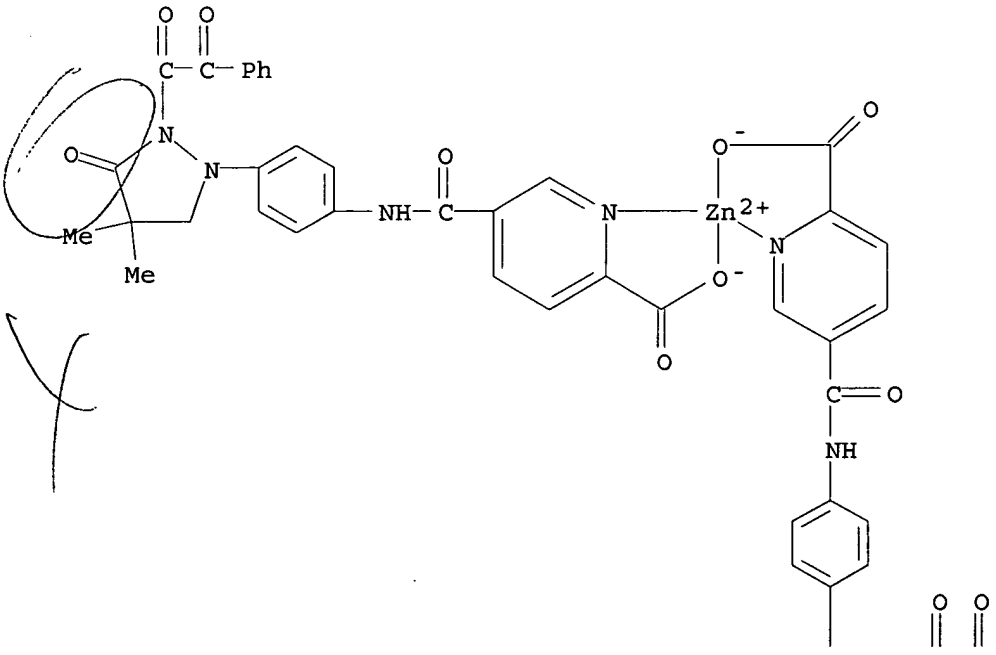
AB Claimed Ag halide photog. material contains a precursor for photog. useful compd. (PUG) (BP-L-LIG)k-M, where BP is the residue of the PUG, L is a bivalent linkage or chem. bond; LIG is multidentated ligand residue; k is an integer of 1-3; and M is selected from Li, B, Mg, Ca, Sc, Ti, Fe, Ni, Cu and Zn. Preferable Ms are Zn and Cu, and preferable BPs are 1-phenyl-3-pyrazolidones blocked at 2- or 3-site. Other PUG includes development inhibitor such as imidazoles, triazoles and tetrazoles, and development accelerator such as hydrazine derivs. The precursor has adequate preprocessing storage stability, while with rapid release of BP at the development stage. The precursor is suitable incorporated in multilayer color neg. films. Thus, Zn chelate of bis[1-[p-(3-carboxy-4-hydroxy-benzoylamino)phenyl]-2-(2-aceto-2,2-dimethyl-aceto)-4,4-dimethyl-3-pyrazolidone] was incorporated in a multilayer color neg. film to provide the mentioned advantages.

IT **197863-41-5P**
RL: DEV (Device component use); PNU (Preparation, unclassified); PREP (Preparation); USES (Uses)
(photog. material contg. precursor for photog. useful compd. having good storage stability)

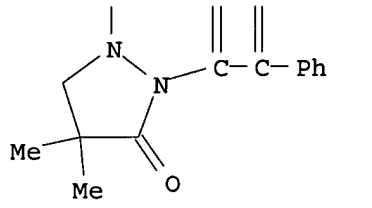
RN 197863-41-5 CAPLUS

CN Zinc, bis[5-[[[4-[4,4-dimethyl-3-oxo-2-(oxophenylacetyl)-1-pyrazolidinyl]phenyl]amino]carbonyl]-2-pyridinecarboxylato-.kappa.N1,.kappa.O2]-, (T-4)- (9CI) (CA INDEX NAME)

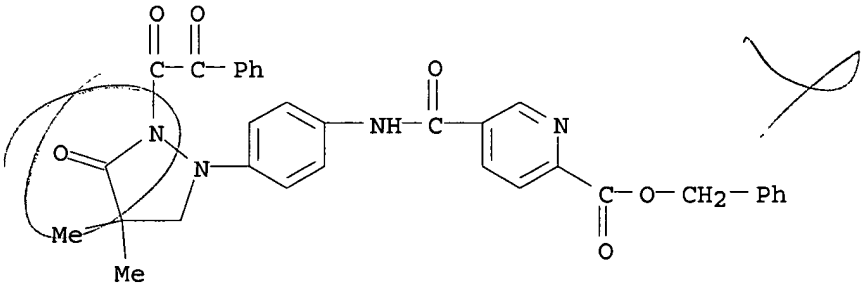
PAGE 1-A



PAGE 2-A



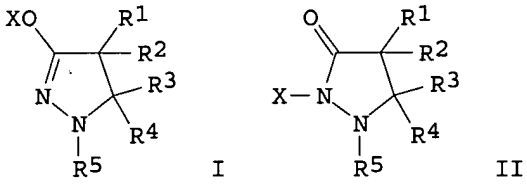
IT **197863-48-2P**
RL: PNU (Preparation, unclassified); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and reaction of; precursor for photog. useful compd. from)
RN 197863-48-2 CAPLUS
CN 2-Pyridinecarboxylic acid, 5-[[[4-[4,4-dimethyl-3-oxo-2-(oxophenylacetyl)-1-pyrazolidinyl]phenyl]amino]carbonyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1991:570816 CAPLUS
DOCUMENT NUMBER: 115:170816
TITLE: Heat-developable light-sensitive material
INVENTOR(S): Taguchi, Toshiki; Nakamine, Takeshi; Ito, Takayuji; Nakamura, Koki; Mikoshiba, Hisashi
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
SOURCE: Eur. Pat. Appl., 99 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 418743	A2	19910327	EP 1990-117690	19900913
EP 418743	A3	19910515		
R: DE, FR, GB, IT, NL				
JP 03102345	A2	19910426	JP 1989-240963	19890918
JP 03131848	A2	19910605	JP 1989-269556	19891017
JP 2612206	B2	19970521		
JP 03160443	A2	19910710	JP 1989-301076	19891120
JP 2612207	B2	19970521		

PRIORITY APPLN. INFO.: JP 1989-240963 19890918
JP 1989-269556 19891017
JP 1989-301076 19891120
OTHER SOURCE(S): MARPAT 115:170816
GI



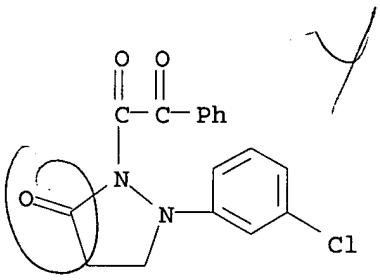
I II

AB The title material comprises photosensitive Ag halide, a binder, and a reducing agent having a m.p. .ltoreq.120.degree. and a mol. formula I or II [R1-R4 = H, alkyl, aryl, heterocyclic group; R5 = aryl, heterocyclic group; x = alkyl acyl, alkoxycarbonyl, aryloxycarbonyl, carbamoyl, sulfamoyl, diketone, hydrobenzofuranone deriv.]. A color photog. material for heat development comprises a dye precursor and an electron donor from a glyoxylic acid Ph ester deriv. or a carboxylic acid Ph ester deriv. The material has excellent shelf life and is capable of obtaining images having good discrimination.

IT **136468-25-2**
RL: USES (Uses)
(reducing agent, heat-developable photog. material contg.)

RN 136468-25-2 CAPLUS

CN 3-Pyrazolidinone, 1-(3-chlorophenyl)-2-(oxophenylacetyl)- (9CI) (CA INDEX NAME)



L4 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1987:119880 CAPLUS
DOCUMENT NUMBER: 106:119880
TITLE: 7-Substituted bicyclic pyrazolidinones, their preparation, and their use as antibacterials
INVENTOR(S): Jungheim, Louis Nickolaus; Sigmund, Sandra Kay; Holmes, Richard Elmer; Barnett, Charles Jackson; Ternansky, Robert John
PATENT ASSIGNEE(S): Lilly, Eli, and Co. , USA
SOURCE: Eur. Pat. Appl., 337 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

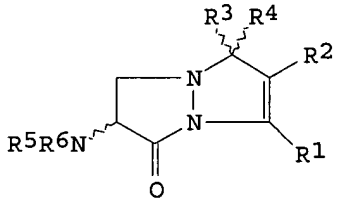
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 202046	A1	19861120	EP 1986-303174	19860428
EP 202046	B1	19910130		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
CN 86103619	A	19861029	CN 1986-103619	19860428
AU 8656755	A1	19861113	AU 1986-56755	19860428

DK 8601930	A	19870120	DK 1986-1930	19860428
HU 40660	A2	19870128	HU 1986-1763	19860428
ZA 8603170	A	19871230	ZA 1986-3170	19860428
ES 554463	A1	19880216	ES 1986-554463	19860428
CA 1274832	A1	19901002	CA 1986-507777	19860428
AT 60605	E	19910215	AT 1986-303174	19860428
JP 61254589	A2	19861112	JP 1986-100817	19860430
JP 07059582	B4	19950628		
US 4716232	A	19871229	US 1986-862913	19860514
US 4734505	A	19880329	US 1986-862909	19860514
US 4734504	A	19880329	US 1986-862918	19860514
JP 63112583	A2	19880517	JP 1986-258084	19861028
US 4795815	A	19890103	US 1987-114897	19871029
ZA 8802604	A	19891227	ZA 1988-2604	19880413
US 4940718	A	19900710	US 1989-418782	19891002
US 5011938	A	19910430	US 1990-503574	19900403

PRIORITY APPLN. INFO.:

US 1985-729021 19850430
EP 1986-303174 19860428
US 1986-862906 19860514
US 1986-862916 19860514
US 1987-42196 19870423
US 1987-103488 19870930
US 1989-418782 19891002

GI



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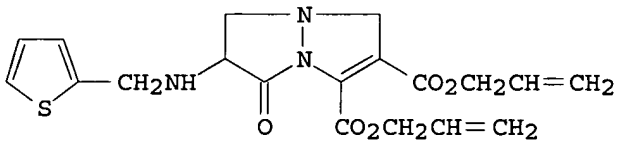


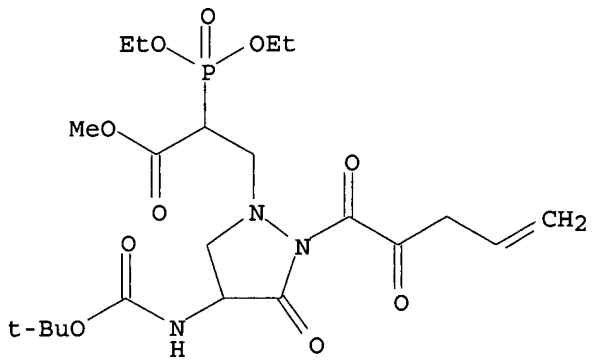
II

AB The title compds. I [1 of R1, R2 = H, halo, C1-6 (un)substituted alkyl, perfluoro C2-4 alkyl, C7-12 (un)substituted aralkyl, (un)substituted Ph, heterocyclyl, NO2, cyano, CX3 (X = F, Cl, Br, iodo), S(O)zR7 [z = 0-2; R7 = C1-6 (un)substituted alkyl, Ph, C7-12 arylalkyl, heterocyclyl], COR8 [R8 = H, C1-6 (un)substituted alkyl, perfluoro C2-4 alkyl, CCl3, etc.], CO2R9 [R9 = H, cation, C1-6 (un)substituted alkyl, etc.], PO3(R10)2 [R10 = H, cation, C1-6 (un)substituted alkyl, etc.], CH2N+.tplbond.Q (N+.tplbond.Q = quaternary ammonium group), heterocyclylthiomethyl, OR11 [R11 = H, C1-6 (un)substituted alkyl, etc.], NR12R13 [R12, R13 = H, C1-6 (un)substituted alkyl, etc.], CO2R14 (R14 = C1-6 alkyl, C7-12 arylalkyl, Ph); the other of R1, R2 = CO2R15 (R15 = cation, CO2H-protecting group, non-toxic, metabolically labile ester-forming group; R3, R4 = H, C1-6 (un)substituted alkyl, C7-12 (un)substituted arylalkyl, (un)substituted Ph, CO2R9; R5, R6 = H, amino protecting group, C1-30 acyl; at least 1 of R5, R6 = H; R5R6N = phthalimido] and their pharmaceutically acceptable salts, useful as antibacterials (no data), were prepd. Me 3-hydroxy-2(S)-(tert-butoxycarbonylamino)propionate was tosylated and the product cyclocondensed with N2H4 to give 48% 4(R,S)-(tert-butoxycarbonylamino)-3-oxo-1-pyrazoline. Treatment with 37% aq. HCHO gave the 1-methylenepyrazolidinium ylide, which underwent cycloaddn. with diallyl

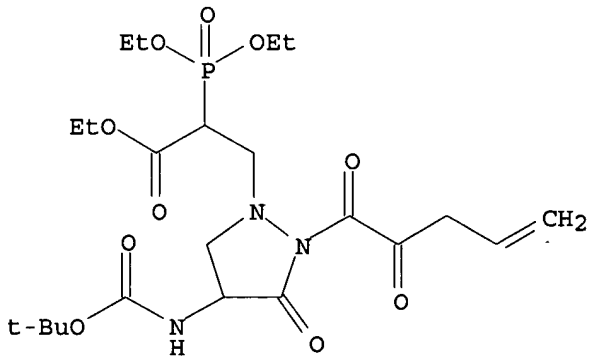
butynedioate to give 32.8% diallyl 7(R,S)-(tert-butoxycarbonylamino)-8-oxo-1,5-diazabicyclo[3.3.0]oct-2-ene-2,3-dicarboxylate. This was deprotected and the free amino group acylated with 2-thienylacetyl chloride to give 62% 7(R,S)-II.

IT **106892-69-7P 106892-71-1P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. and cyclization of)

RN 106892-69-7 CAPLUS
CN 1-Pyrazolidinepropanoic acid, .alpha.-(diethoxyphosphinyl)-4-[[(1,1-dimethylethoxy)carbonyl]amino]-2-(1,2-dioxo-4-pentenyl)-3-oxo-, methyl ester (9CI) (CA INDEX NAME)



RN 106892-71-1 CAPLUS
CN 1-Pyrazolidinepropanoic acid, .alpha.-(diethoxyphosphinyl)-4-[[(1,1-dimethylethoxy)carbonyl]amino]-2-(1,2-dioxo-4-pentenyl)-3-oxo-, ethyl ester (9CI) (CA INDEX NAME)



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L1 STRUCTURE UPLOADED
L2 2 S L1
L3 27 S L1 FUL

FILE 'CAPLUS' ENTERED AT 15:56:49 ON 13 AUG 2002
L4 6 S L3

09/ 835,523

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	26.73	167.22

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.72	-3.72

STN INTERNATIONAL LOGOFF AT 15:57:27 ON 13 AUG 2002